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XL.	AA	Benfey, Function of Myocardial α-ADRENOCEPTORS: Life Sciences (1982) Vol. 31 pg 101-112											
The	AB	Levine, et al., Potentiation of Pentazocine Analges				g. 1574-1577							
K	AC	Yoburn, et al., Opioid Antagonist-induced Receptor Upregulation: Effects of Concurrent Agonist Administration, (1994) {Publication Date}: Brain Research Bulletin, Vol. 33 pg 237-240											
	AD	Bunzow, et al., Molecular cloning and tissue distribution of a putative member of the rat opioid receptor gene family that is not a μ, δ or κ opiod receptor type: FEBS Letters 347 (1994) pg. 284-288											
The state of the s	AE	Mollereau, et al., ORL1, a novel member of the opiod receptor family: Cloning, functional expression and localization: FEBS Letters 341 (1994) pg. 33-38											
	AF	Wang, et al., cDNA cloning of an orphan opiate receptor gene family member and its splice variant: FEBS Letters 348 (1994) 75-79											
JK L	AG	Suzuki, et al., Morphine conditioned place preference after chronic treatment with naloxone in the rat :Research Communications in Substances of Abuse. (1991) Vol. 12, No. 3 pg. 119-131											
EXAMINER Jeffrez E. Russel DATE CONSIDERED July 18, 2002													
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340	AE	Press R August	Press Release entitled "International Patent Application To Be Published on Abuse-Resistant Pain Reliever Being Developed by Purdue Pharma August 8, 2001										na"		
SN	AF	Paronis 582-58	, et al., I 9	ncrea	sed An	algesic	Potenc	cy of MuA	Agonists after Continu	ous Naloxone Infusio	n in Rats, J P	harm. Exper. Ther	. 1991 259(2	!) pg	
JR	AG	Yoburn, Pharma	, et al., S col. Bio.	Supers Beh.	sensitiv 1995 5	ity to C	pioid <i>A</i>	Analgesics 539	Following Chronic Op	pioid Antagonist Trea	tment: Relatio	onship to Recepto	Selectivity,		
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AN.	Al	Zhang,	opioid analgesia, Brain Res. 2001 888 pg 75-82 Zhang, et al., Down-Regulation of μ-Opioid Receptors in Rat and Monkey Dorsal Root Ganglion Neurons and Spinal Cord After Peripheral Axotomy, Neuroscience 1998 82, pg 223-240												
32	AJ	Abdulla, et al., Axotomy reduces the effect of analgesic opioids yet increases the effect of nociceptin on dorsal root ganglion neurons, J. Neuro Sci 1998 18, pg 9685-9694													
M	AK	Di Giannuario, et al., Orphanin FQ reduces morphine-induced dopamine release in the nucleus accumbens: a microdialysis study in rats, Neurosci. Lett. 1999 272, pg 183-186													
450	AL		Ciccocioppo, et al., Effect of nociceptin/orphanin FQ on the rewarding properties of morphine, Eur. J. Pharmacol. 2000 404, pg 153-159												
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO .: SERIAL NO .: (REV. 7-80) PATENT AND TRADEMARK OFFICE 200.1134 09/781,076 APPLICANT(S): LIST OF PRIOR ART CITED BY APPLICANT Benjamin Oshlack et al. (Use several sheets if necessary) FILING DATE: GROUP: February 8, 2001 1653 **U.S. PATENT DOCUMENTS** *EXAMINE **DOCUMENT NUMBER** DATE NAME **CLASS SUBCLASS** FILING DATE R INITIAL IF APPROPRIATE 5 9 AA9 8 3 4 12/99 Mitch et al. 514 210.16 5 AΒ 9 7 9 5 4 10/99 Foss 514 282 AC 5 9 6 5 8 4 7 10/99 Reder et al. 424 449 ΑD 5 9 4 2 2 4 1 8/99 Chasin et al. 424 426 ΑE 5 8 8 ٥, 1 3 2 3/99 Hill 514 282 5 ΑF 8 6 6 1 6 4 2/99 Kuczynski et al. 424 472 5 AG 8 6 0 9 5 0 1/99 Demopulos et al. 604 49 5 AΗ 8 5 8 0 1 7 1/99 Demopulos et al. 604 890.1 ΑI 5 7 6 7 2 5 6/98 Crain et al. 514 282 ΑJ 5 6 3 3 2 5 9 5/97 Qin et al. 514 282 5 6 9 3 2 4/97 Qin et al. 514 282 FOREIGN PATENT DOCUMENTS **DOCUMENT NUMBER** DATE COUNTRY CLASS **SUBCLASS TRANSLATION** YES NO ΑL 19 6 5 5 1 6/98 DE A61K 31/485 AM 29 7 9 7 1 0 2/97 DE A61K 31/485 ΑN 4 3 2 5 4 6 5 2/95 DE A61K 31/485 Х ΑO 2 2 2 2 0 3 9 11/72 DE A61K 27/00 0 9 1 3 5 2 6/99 EΡ A61K 31/485 OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) ΑQ Abstract, Cancer Chemother Pharmacol (1998); 42(4):287-91. AR Yuan et al., Drug and Alcohol Dependence (1998); 52:161-165. AS Gan et al., "Opioid-Sparing Effects of a Low-Dose Infusion of Naloxone in Patent-Administered Morphine Sulfate," Anesthesiology (1997), 87(5):1075-1080. **EXAMINER** Jeffrey E. Avssel DATE CONSIDERED, 18,2002 *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

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